

Agriculture

(By J. F. O'Brien)

Corn Continued

A good shaped ear must be almost as large at the tip as at the butt. Kernels must be well shaped and in straight uniform rows. Test each ear for germination. To test, number the ears in the rack from one upwards. Make a tray with holes or small squares numbered to correspond with the ears in the seed rack. Half fill the holes with sand. Take three kernels from each ear (top, middle and bottom) place them in the holes in the tray. Fill the holes with sand, press firmly and sprinkle warm water over the trays until the sand is moist. Keep in a temperature of 70 to 80 degrees Fahrenheit for five days, keeping them moist but not wet. Examine the corn then and if two or more kernels have not germinated in a hole take that ear out of the rack as the chances are the whole ear is dead. When you have a sufficient number of ears tested (twice the actual number necessary per acre) cut off the tips and the butts using only the middle grains for seed. As a final test just before planting drop the grain slowly into a pail of water. All that float feed to the chickens for they are useless for seed. Shelling the seed ears should always be done by hand as machines more or less chip the kernels. Besides misshapen kernels can be picked out during the shelling process. Choose the keystone shape and discard the pointed, short and square, broad and round and shoepeg kernels.

Planting

In Hawaii from January to April. Corn should not be planted until the ground is warm and the weather settled. Rows may be three and a half to five feet apart and hills from one to three feet. A good distance for most localities is four feet between rows and hills one foot apart with one stalk to each hill. Some prefer the hills three feet apart with three stalks to each hill. Level planting and level culture are becoming more general, though some consider it good practice to plant in the bottom of a shallow furrow and throw the dirt towards the rows when cultivating, making the field level again.

Depth to Plant

This will depend upon conditions of soil and moisture, but between two and three inches is about right in most soils. (Planting by hand like shelling by hand is best because the planting machines are liable to chip and injure the largest and best grains. Of course on a large area of many acres hand planting would be impracticable, but on an acre or less and where improvements are the chief object it should be done.)

Cultivation

As soon as the young corn rows can be plainly seen, cultivate with harrow, cultivator, or hoe and until the corn is three to four inches high deep cultivation is admissible, but after that deep cultivation will cut many roots and seriously interfere with the growth of the plant. If the soil is in good kith the corn roots will run long distances for food and moisture. In wet soil the roots run near the surface, but if dry and the seed bed deep they will go deep for moisture. Actual measurements have shown that in 16 days after planting the roots were sixteen inches long and 8 inches down. In 18 days they were 18 inches long, the surface leaders were 5 inches below the surface and the feeders 12 inches deep. In 24 days they were 24 inches long, 4 inches from the surface and 18 inches deep. In 42 days the plant was 18 inches high, the roots were three feet five inches long and reached 18 inches deep and when the corn was three feet high the entire seed bed was completely filled with roots, the leaders were 6 inches from the surface. When the corn was in tassel the upper 3 feet of soil was completely filled with roots, the surface leaders were five inches deep and when the corn was ripe the roots were traced for 4 feet beneath the surface. From this it will be seen that deep cultivation after the first two weeks will cut many feeders and greatly lessen the yield. Cultivation is only necessary to remove weeds, keep the surface in condition to absorb rain and admit air by breaking the crust. The ideal surface should be crumbly, not dusty.

When is a Lost Ball?

This bit of irony, sarcasm or something appears in the form of a sign on a Scottish golf course: "Members will refrain from picking up lost balls until they have stopped rolling."—Boston Transcript.

Germany Is Short a Million in Homes

BERLIN, Oct. 16 — (Associated Press Mail)—More than 1,000,000 dwellings, apartments, or rooms are needed in Germany to relieve the housing shortage which has been steadily increasing for the last six months, especially in the eastern cities which are crowded with Russian refugees, says an official statement of the housing office.

In Prussia alone 585,000 rooms are in demand and an increase of 50,000 in three months and reports from every large city in the republic declare the housing situation is growing serious with the advance of winter. The need in 62 of the larger cities is described as urgent.

The government had indicated its intentions of abandoning the "rationing" of room within a short time, but the fact that building operations, abandoned during the war, have not caught up with the demands has necessitated a continuance of control of dwelling space. Families, as well as individuals, are permitted to occupy only such rooms as are absolutely essential.

This regulation has forced many families with large houses to take in lodgers. In such cases the families are permitted to choose their lodgers, fix the charges and make such "living regulations" as are deemed essential. The space, however, must be occupied and it has come about that home owners have invited relatives, friends or acquaintances to share their houses, many being averse to give accommodations to strangers. On the other hand a number of house owners, formerly wealthy, have

NOTICE OF PARTNERSHIP

Notice is hereby given that the undersigned, Leland C. Lewis and Frank J. Weissblatt have this day entered into and formed a co-partnership under the firm name of Maui Sporting Goods Company for the conduct of a general merchandise business. The principal place of business of the said co-partnership firm will be in the town of Wailuku, County of Maui and Territory of Hawaii. All obligations incurred in the past by Leland C. Lewis under the name of Maui Sporting Goods Company are assumed by the said co-partnership firm.

MAUI SPORTING GOODS CO.
LELAND C. LEWIS.
FRANK J. WEISSBLATT.
Dated, Wailuku, Maui, December 6, 1921.
(Dec. 9, 13, 16.)

Committee Chairman Leaving—Lorrin Andrews, chairman of the republican territorial committee, is leaving for the mainland, December 21 for an indefinite stay. Under the by-laws John Wise, vice-chairman will act unless Andrews' absence be protracted or permanent under which circumstances a new chairman would be named.

found the increasing cost of living so burdensome that they are making an active effort to secure foreign tenants, particularly Americans, English, Hollanders and Scandinavians who are able to pay well.

State and city governments and civic organizations are cooperating to solve the problem by a general and energetic construction program which would comprehend the erection of nearly 1,000,000 homes.

Opposes Wharf Tolls—Maui chamber of Commerce is on record as opposing the proposed wharf tolls, reversing former views.

Prison for Law—F. W. Law, ex-convicted from the coast on charge of embezzling \$300 from Lorrin Andrews and convicted in the circuit court at Honolulu was sentenced last Friday to serve a year in the penitentiary.

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TIME TABLE—KAHULUI RAILROAD CO.

Daily Passenger Train Schedule (Except Sunday)

The following schedule went into effect November 18, 1918.

TOWARDS WAILUKU						STATIONS	TOWARDS HAIKU					
9	7	5	3	1	Distance		Distance	2	4	6	8	10
P	M	P	M	P	Miles		Miles	A	M	A	M	P
5 23	30	1 25	8 35	6 35		A. Wailuku..I		6 40	8 40	1 30	3 35	5 38
5 23	30	1 15	8 23	6 25	15.3	..A	0	6 50	8 50	1 40	3 45	5 48
5 20	17		8 20		12.0	..A	3.3	6 52		1 42	3 47	
5 19	07		8 10			..A		7 02		1 52	3 57	
5 09	05		8 08		8.4	..Spreck..	6.9	7 03		1 53	3 58	
5 00	25		8 00			..A. eisville..I		7 12		2 05	4 10	
4 58	25		7 57		5.5	..A		7 15		2 07	4 12	
4 52	24		7 52			..A		7 20		2 14	4 19	
4 51	24		7 50		3.4	..Hama..	11.9	7 22		2 15	4 20	
4 45	24		7 45			..A. kuapoko..I		7 30		2 23	4 28	
4 44	19		7 44		1.4	..Pauwela..	13.9					
4 02	35		7 40		0	..A. Haiku..A	15.3	7 32		2 25	4 30	
								7 36		2 30	4 35	

PUUNENE DIVISION

TOWARDS PUUNENE				STATIONS	TOWARDS KAHULUI			
3	1	Distance			Distance	Passenger	Passenger	
P	M	A	M	Miles	Miles	A	M	P
2 50		6 00		.9	L. Kahului..A	2.5	6 22	3 15
3 00		6 10		2.5	A. Puunene..L	.0	6 12	3 05

1. All trains daily except Sundays.
2. A Special Train (Labor Train) will leave Wailuku daily, except Sundays, at 5:30 a. m., arriving at Kahului at 5:50 a. m., and connecting with the 6:00 a. m. train for Puunene.
3. BAGGAGE RATES: 150 pounds of personal baggage will be carried free of charge on each whole ticket, and 75 pounds on each half ticket, when baggage is in charge of and on the same train as the holder of the ticket. For excess baggage 25 cents per 100 pounds or part thereof will be charged.
For Ticket Fares and other information see Local Passenger Tariff I. C. C. No. 3 or inquire at any of the Depots.

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